

## SAMPLE SOP FOR MS IN CYBER SECURITY

I got introduced to coding at an early age. My father being a programmer, thought that it would be a great idea to keep me busy and productive in my leisure hours by teaching me the basics. This early acquaintance created in me an appreciation not only for Computer Science but also towards methodical thinking. My interest in cybersecurity incepted when I got teamed for Network Security projects at my work. This passion has convinced me to explore the subject in-depth with an MS in Cyber Security.

I have maintained a decent scholastic track record since my school days. Picking up on my passion for technology, I joined an undergraduate program in information technology. The course allowed me to delve deep into advanced concepts like functional programming, networking, operating systems, hardware, and database management.

The knowledge I mastered through the degree course got reinforced when I incorporated the same into my projects. For my final year project, I built a Chatbot that implemented the basics of Natural Language Processing. The bot was equipped with information regarding all the courses and their availability at the university. The objective was to make the process of answering student queries easier for the institution. Students could access the bot through the internet and type in the name of the desired course or college. In the process, they could obtain the relevant information in a conversational manner. I was showered with appreciation for conceptualizing and executing this project, considering its utility.

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I have maintained a healthy balance between academics and hobbies. However, as a computer aficionado, most of my hobbies were techno-centric. I am a zealous proponent of the open-source movement. However, the sad reality is that most of the applications we require on a day-to-day basis are heavily priced, forcing people to resort to piracy. Thankfully, the open-source trend has made much software available free of cost, at least with a partial fulfillment of the features. I regularly make my contributions to the community by spending my free time expanding the codebase.

After completing my graduation, Tata Constancy Services hired me as a Software quality assurance analyst. My primary duty was to conduct the extreme edge tests case before the deliverables got shipped to their clients. In this capacity, I have documented defects, designed test scenarios, and formulated user manuals for software products of over ten overseas clients. The job also required prompt review of the products when each update was rolled out. I also received the opportunity to exercise my communication skill by training the new recruits.

My passion for security showed up when I was shifted to the Application Security wing at TCS three months back. The transition of role presented stimulating challenges and came with quite a learning curve. To address these issues, I signed up for Penetration Testing training programs and various online courses on security testing to enlarge my knowledge. However, these courses were shallow and left me longing for in-depth knowledge based on real-world practice. I realized that only a graduate program with a structured curriculum could offer this value to me. These convictions prompted me to pursue an MS in Cyber Security.

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When I expressed my desire for higher education, my peers and colleagues suggested that I should join a college in the United States. Even through my reasoning, I found this to be the ideal decision. First of all, most of the core concepts that are taught and practiced in cybersecurity, both in India and around the world, were conceived in the research labs of the US. This preeminence of the universities and their forward-looking approach to research has swayed my decision to study from the US.

After spending ample time in research, I found St Cloud State University to be in line with my aspirations. The key attraction of the academy is its curriculum that takes every effort to keep pace with the industry demands. This course will augment my knowledge in IT security, information privacy, risk assessment, and the strategies for detecting cyber threats and shielding them. Imbibing advanced knowledge from the expert professors at your academy will help me rise and face the newer challenges in my career. Finally, this international campus will endow me with novel life experiences and expand my worldview.

Over the years, I have saved enough money and have the financial capacity to support my education. The documents proving my financial wherewithal are submitted along with this statement for your confirmation and assurance.

After completing this course, I will return to India to resume my career at the TCS. I am confident that this course will facilitate my shift of career roles. The newly gained skill set and knowledge will enable me to adapt to the new position with much more confidence and efficacy. I look forward to my admission to the postgraduate program at your esteemed university